

REMARKS

Claims 1-16 are all the claims pending in the application.

The Examiner rejects claims 1-16 under 35 U.S.C. § 102(e) as being anticipated by Higuchi et al. (Higuchi). Also, the Examiner objects to the drawings (Figs. 1, 2, 11, 15 and 16) and the specification due to minor grammatical and typographical errors.

With regard to the Examiner's objections, Applicant amends the specification and corrects Figs. 1, 2, 11, 15 and 16 as suggested by the Examiner (see Office Action, paragraphs 1 and 2). Accordingly, these objections should be withdrawn.

With regard to the Examiner's prior art rejection, Applicant respectfully traverses this rejection as follows.

Applicant's claimed invention provides CDMA baseband receivers (claims 1-8) comprising unique combinations of features, as well as methods of determining long codes for unknown base stations in a CDMA baseband receiver (claims 9-16) comprising unique combinations of steps, including, *inter alia*, outputting selected long code phase candidates "other than long code phase candidates for known ones of said base stations" (see independent claims 1 and 9).

The Examiner alleges that Higuchi discloses such an implementation at col. 18, lines 25-33). Applicant respectfully disagrees.

Higuchi col. 18, lines 25-33 are reproduced below in their entirety:

The base station (transmitting side) determines in advance the long code phase following the long code masked portion, that is, the code phase spread by only the short code. Accordingly, the long code phase can be determined by detecting a maximum correlation peak phase by inputting to a maximum correlation peak chip phase detector 24 the output of the maximum correlation output detector 23 and the output of the short code replica generator 22. (*Id.*)

Nowhere does Higuchi disclose or suggest that one of the functions performed by its receiver during cell searching involves outputting selected long code phase candidates other than long code phase candidates for known ones of the base stations, as required by Applicant's independent claims 1 and 9. In fact, Higuchi describe nothing more than "a function at the power up of the mobile station ... which searches the cell (base station) to which the channel is to be switched next with movement of the mobile station" where all long code phase candidates are output, as in other prior art implementations (see Higuchi at col. 18, line 13 through col. 19, line 9; and Figs. 7 and 8).

Therefore, Applicant's independent claims 1 and 9, as well as their dependent claims 2-8 and 10-16 (which incorporate, by reference, all the features of their respective base claims) are not anticipated by (i.e., are not readable on) Higuchi at least for this reason.

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned attorney at the telephone number listed below.

Amendment Under 37 C.F.R. § 1.111
U.S. Appln No. 09/677,775

Atty Dkt No. Q61062

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



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